



June 15, 2004

Mr. Richard Nawyn  
Information Management Specialist  
R4 Exchange Network Coordinator  
US EPA, Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303

Commonwealth Office of Technology  
21 Millcreek Park – Frankfort, Kentucky 40601  
(502) 573-0342 <http://got.ky.gov>

Re: Kentucky Watershed Modeling Information Portal – a Collaboration of Kentuckians

Dear Mr. Nawyn:

A multi-agency, inter-governmental team is pleased to submit this grant application entitled "*Kentucky Watershed Modeling Information Portal – a Collaboration of Kentuckians*" for your consideration. In addition to pulling together a team of state and federal agencies who are very interested in making Kentucky more proficient in watershed modeling, we have also included a non-profit organization, the [Open GIS Consortium \(OGC\)](#). The governmental partners are the KY Governor's Office for Technology (Principal Investigator), the KY Division of Water (KDOW), Water Resources and Geography Divisions of the U.S. Geological Survey, and the KY Office of Geographic Information.

The goal of the *Kentucky Watershed Modeling Information Portal* (KWIMP) is to improve access and capacity to conduct watershed modeling to enhance environmental decision-making in Kentucky. We envision that a modeler will select a watershed area and a supported water quality or water quantity model. The KWIMP then will query, clip, format and ship the required data through a geospatial data portal to an FTP site or directly to the user's desktop in real-time. Our proposal emphasizes workforce development and building capacity for the Kentucky watershed modeling community through training workshops and presentations. To ensure that the KWIMP meets user needs, a Technical Advisory Group, including government, academics, non-governmental agencies and the private sector will guide the selection of models, identify key datasets, necessary data formats, and test the portal.

This proposed project would leverage existing datasets and on-going projects as well as build new datasets and tools. The \$1.3 million NASA-funded [Kentucky Landscape Snapshot](#) (KLS) project will provide updated, high-resolution land use/ land cover by April 2005. In February 2004, the \$3.2 million NASA-funded [Kentucky Landscape Census](#) (KLC) will begin a KY land use change analysis and will build an OGC-compliant web mapping service that allows interoperability with many other portals and moves away from a specific vendor solution to web mapping services. I am the Principal Investigator (PI) on both of these projects as well as the proposed PI for this project.

We propose to integrate the results of the USGS KY District's \$380,000 StreamStats project, which will implement a web-based point and click tool for user-selected watershed boundaries, stream flow statistics, other hydrologic characteristics, and water quality that is being built on high resolution (1:24,000 scale) NHD and topography (30-foot DEM). The USGS, KDOW, and KY Geologic Survey have teamed together to improve mapping and hydrologic understanding of Kentucky's extensive karst systems; over \$300,000 per year over the next several years will be devoted to this effort. In addition, we propose to develop improved spatial estimation of precipitation in this project, which is expected to significantly improve model accuracy, consistency, and efficiency.

We will provide interoperability among the web mapping services, the datasets, and the model software using web-based query, selection, and other tools to clip, format, and ship needed data to an FTP site or directly to the user's desktop in real-time. The portal would make EPA's Environmental Information Exchange Network (EIEN) interoperable with USGS's EROS Data Center Seamless, **The National Map** Viewer, the KY Office of Geographic Information web mapping services, and the KLS and KLC OGC-compliant web-mapping servers. We will link to available nodes developed previously by Kentucky.

We feel that this project would significantly enhance environmental decision-making in Kentucky by improving the capacity and technical capabilities of public and private sector environmental scientists and engineers. Ultimately institutionalizing the capability of watershed modeling in the public sector would also be a benefit to EPA.

If you have questions about the proposal or what we intend for the project, please contact me by telephone at: 502 573-0342 or email [susan.lambert@ky.gov](mailto:susan.lambert@ky.gov).

Very truly yours,

Susan Carson Lambert  
Geographer

# Checklist for Applications Over \$100,000

1\_\_\_ SF-424 APPLICATION FOR FEDERAL ASSISTANCE, with original signature, including:

SF-424 A, Budget by categories and indirect cost rate

SF-424 B, Assurances for non-construction programs

\_\_\_ NUMBER OF COPIES: Original and 2 copies

2\_\_\_ KEY CONTACT LIST

3\_\_\_ CERTIFICATION REGARDING LOBBYING (if over \$100,000) and SF LLL, if applicable

4\_\_\_ EPA FORM 4700-4 PREAWARD COMPLIANCE REVIEW REPORT

5\_\_\_ NARRATIVE STATEMENT (Work Plan)

6\_\_\_ QUALITY ASSURANCE NARRATIVE STATEMENT, if applicable

7\_\_\_ DETAILED ITEMIZED BUDGET

8\_\_\_ COPY OF NEGOTIATED INDIRECT COST RATE AGREEMENT

9\_\_\_ BIOGRAPHICAL SKETCH

\_\_\_ ONE SELF-ADDRESSED ENVELOPE, (if you want to receive notification of receipt)

## ADDITIONAL INFORMATION TO BE SUBMITTED IF APPLICABLE

(1) If you are submitting your application under the Federal Demonstration Project, please indicate it in block 11.

(2) If your project requires an Environmental Impact Statement or Environmental Assessment, or both, please indicate it on a separate sheet of paper.

(3) If your project involves human testing studies, please indicate it on a separate sheet of paper.

(4) If your project involves animal testing studies, please indicate it on a separate sheet of paper.

# APPLICATION FOR FEDERAL ASSISTANCE

1. TYPE OF SUBMISSION: Application		2. DATE SUBMITTED June 15, 2004	Applicant Identifier
<input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	Pre-application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	3. DATE RECEIVED BY STATE	State Application Identifier  <b>KY20040601-1010</b>
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION			
Legal Name: Susan Carson Lambert, Geographer		Organizational Unit: Office of Geographic Information Department: Kentucky Commonwealth Office of Technology	
Organizational DUNS: <b>004691551</b>		Division: Office of Geographic Information	
Address: 21 Millcreek Park		Name and telephone number of person to be contacted on matters involving this application (give area code) Susan Carson Lambert 502-573-0342	
Street:		Prefix: Ms.	First Name: Susan
City: Frankfort		Middle Name: Carson	
County: Franklin		Last Name: Lambert	
State: Kentucky	Zip Code: 40601	Suffix:	
Country: USA		Email: susan.lambert@ky.gov	
6. EMPLOYER IDENTIFICATION NUMBER (EIN):  <b>61-0600439</b>		Phone Number (give area code) 502-573-0342	Fax Number (give area code) 502-573-1711
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.)  Other ( specify)		7. TYPE OF APPLICANT: (See back of form for Application Types) A. State  Other (specify)	
10 CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: <b>66-608</b> TITLE (Name of Program): Exchange Network Grant Program – Challenge Category		9. NAME OF FEDERAL AGENCY: US Environmental Protection Agency	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc): Commonwealth of Kentucky		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: <b>Kentucky Watershed Modeling Information Portal</b> will build web-based access to geospatial data that are appropriately formatted, clipped and shipped for use by watershed modelers for 2-5 selected priority models. Communication with water resource managers and training for technical users are planned and provided in the project. Long term maintenance and financial support beyond the project will be implemented through an advocacy group of upper level managers and through e-commerce for non-governmental users.	
13. PROPOSED PROJECT Start Date: 10/1/2004 Ending Date: 9/30/2006		14. CONGRESSIONAL DISTRICTS OF: KY Districts 1-6 a. Applicant b. Project	
15. ESTIMATED FUNDING: YR 1: \$466,410.25 YR 2: \$286,067.95 TOTAL: \$752,478.20 (incl. in-kind)		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$454,710.25	a. Yes <input checked="" type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON	
b. Applicant	\$11,700.00	DATE: <b>June 1, 2004</b>	
c. State	\$	b. No <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372	
d. Local	\$	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
e. Other	\$		
f. Program Income	\$		
g. TOTAL	\$ 466,410.25		
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Authorized Representative			
Prefix Mr.	First Name Terry	Middle Name L.	
Last Name Thompson		Suffix	
b. Title Executive Director, Office of Administrative Services		c. Telephone Number (give area code) 502-573-6806 ext. 3403	
d. Signature of Authorized Representative		e. Date Signed	

## MEMORANDUM

TO: Ms. Susan Lambert  
Office of Geographic Information  
21 Millcreek Park  
Frankfort, KY 40601

FROM: Kentucky State Clearinghouse  
Department For Local Government  
1024 Capital Center Drive, Suite 340  
Frankfort, Kentucky 40601

DATE 06/01/2004

SUBJECT Kentucky Watershed Modeling Information Portal

The above referenced application has been assigned **STATE APPLICATION IDENTIFIER** (SAI#) Number KY20040601-1010. The SAI# should be used as reference in any further correspondence with the State Clearinghouse. Pursuant to Presidential Executive Order 12372, the State Clearinghouse, which is designated as the Kentucky Single Point of Contact, has thirty (30) days to complete its review of this proposal. Therefore, you can expect to receive State Clearinghouse comments on or about 07/01/2004.

If you have any questions regarding this matter, please feel free to contact the Kentucky State Clearinghouse at 502-573-2382.

<b>SECTION A - BUDGET SUMMARY (FFY 2004)</b>							
	Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
			Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1	State Information Grant	66.608			464,807.24	11,700.00	476,507.24
2							
3							
4							
5	Totals		\$0.00	\$0.00	464,807.24	11,700.00	476,507.24
<b>SECTION B - BUDGET CATEGORIES</b>							
6	Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)	
		(1) 66.608	(2)	(3)	(4)		
a	Personnel (OGI, KDOW, USGS, COT)	89,886.90				89,886.90	
b	Fringe Benefits	14,864.44				14,864.44	
c	Travel	1,000.00				1,000.00	
d	Equipment	40,000.00				40,000.00	
e	Supplies	12,000.00				12,000.00	
f	Contractual (OGC)	264,266.13				264,266.13	
g	Construction	0.00				0.00	
h	Other	0.00				0.00	
i	Total Direct Charges (sum of 6a-6h)	422,017.46				422,017.46	
j	Indirect Charges	42,789.77				42,789.77	
k	TOTALS (Sum of 6i and 6j)	\$464,807.24				464,807.24	
7	Program Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

<b>SECTION C - NON-FEDERAL RESOURCES</b>						
(a)	Grant Program	(b) Applicant	(c) State	(d) Other Source	(e) TOTALS	
8	State Information Grant (CFDA 66.608)			24,120.00	\$24,120.00	
9					\$0.00	
10					\$0.00	
11					\$0.00	
12	Total (Sum of Lines 8-11)	0.00	0.00	0.00	\$24,120.00	
<b>SECTION D - FORECASTED CASH NEEDS (FFY 2004)</b>						
		Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13	Federal	464,807.24	67,748.70	80,547.88	207,255.33	109,255.33
14	Non-Federal (USGS In-Kind) (2)	11,700.00	2,475.00	3,075.00	3,075.00	3,075.00
15	Total (Sum of Lines 13-14)	<b>\$476,507.24</b>	70,223.70	83,622.88	210,330.33	112,330.33
<b>SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT (FFY 2005)</b>						
		FUTURE FUNDING PERIODS (FFY2005)				
(a)	Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth	
16	State Information Grant (CFDA 66.608) (3)	\$96,372.41	\$106,845.71	\$43,928.10	\$37,677.79	
17						
18						
19						
20	Total (Sum of Lines 16-19)	<b>\$273,647.95</b>	\$96,372.41	\$106,845.71	\$43,928.10	\$37,677.79
<b>SECTION F - OTHER BUDGET INFORMATION</b>						
21	Direct Charges:	\$666,171.27	22. Indirect Ch	\$83,459.98		
23	Remarks: Section F does not include USGS in-kind. Indirect charges are 12% for OGI, DEP, COT and 85% for USGS					
(1) USGS In-Kind Contribution includes participation to the Technical Advisory Group throughout the project						
(2) USGS anticipates contributing \$24,120.00 - \$11,700.00 in Year 1 and \$12,420.00 in Year 2						
(3) Funding request only, USGS In-Kind Contribution of 12,420.00 not included						

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <ol style="list-style-type: none"> <li>1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.</li> <li>2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.</li> <li>3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.</li> <li>4. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.</li> <li>5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM=s Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).</li> <li>6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the</li> </ol> | <ol style="list-style-type: none"> <li>basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.</li> <li>7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.</li> <li>8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.</li> </ol> |
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<p>9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. 276a to 276a-7), the Copeland Act (40 U.S.C. 276c and 18 U.S.C. 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), regarding labor standards for federally-assisted construction subagreement.</p> <p>10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.</p> <p>11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in flood plains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. 1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).</p>		<p>12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271 et seq.) Related to protecting components or potential components of the national wild and scenic rivers system.</p> <p>13. Will assist the awarding agency in assuring compliance will Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).</p> <p>14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.</p> <p>15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) Pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.</p> <p>16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4801 et seq.) Which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.</p> <p>17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."</p> <p>18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.</p>
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SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE Executive Director, Office of Administrative Services	
APPLICANT ORGANIZATION Kentucky Office of Geographic Information		DATE SUBMITTED





## KEY CONTACTS FORM

**Authorized Representative:** *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Mr. Terry L. Thompson  
 Title: Executive Director  
 Complete Address: Office of Administrative Services  
 Commonwealth Office of Technology  
 1025 Capitol Center Drive  
 Frankfort KY 40601  
 Phone Number: 502-573-6806 ext. 3403

**Payee:** *Individual authorized to accept payments.*

Name: Lou Ann Clements  
 Title: Financial Consultant  
 Mail Address: Office of Administrative Services  
 Governor's Office for Technology  
 Commonwealth of Kentucky  
 1025 Capital Center Drive, Suite 101  
 Frankfort, KY 40601  
 Phone Number: 502-573-6806 ext. 3429  
 e-mail: [LouAnn.Clements@ky.gov](mailto:LouAnn.Clements@ky.gov)

**Administrative Contact:** *Individual from Sponsored Program Office to contact concerning administrative matters (i.e., indirect cost rate computation, re-budgeting requests etc.)*

Name: Terry L. Thompson  
 Title: Executive Director  
 Complete Address: Office of Administrative Services  
 1025 Capitol Center Drive  
 Frankfort KY 40601  
 Phone Number: 502-573-6806 ext 3403  
 FAX Number: 502-696-3935  
 E-Mail Address: [terry.thompson@ky.gov](mailto:terry.thompson@ky.gov)

**Principal Investigator:** *Individual responsible for the technical completion of the proposed work.*

Name: Susan Carson Lambert  
 Title: Geographer  
 Complete Address: KY Office of Geographic Information  
 21 Millcreek Park  
 Frankfort, KY 40601  
 Phone Number: (502) 573-0342  
 FAX Number: (502) 573-1711  
 E-Mail Address: [susan.lambert@ky.gov](mailto:susan.lambert@ky.gov)  
 Web URL: <http://got.state.ky.us/>

## **CERTIFICATION REGARDING LOBBYING**

### **CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS**

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, ADisclosure Form to Report Lobbying,@ in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352 , title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Mr. Terry Thompson, Executive Director,  
Office of Administrative Services, Kentucky Commonwealth Office for Technology

\_\_\_\_\_  
Typed Name & Title of Authorized Representative

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date



Washington, DC 20460  
Preamble Compliance Review Report for  
All Applicants Requesting Federal Financial Assistance

FORM Approved  
OMB No. 2090-0014  
Expires: 4-30-99

Note: Read Instructions before completing form.

1. A. Applicant (Name, City, State) Susan Carson Lambert, Geographer Office of Geographic Information 21 Millcreek Park Frankfort, KY 40601	B. Recipient (Name, City, State) Susan Carson Lambert, Geographer Office of Geographic Information 21 Millcreek Park Frankfort, KY 40601	C. EPA Project No.
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II. Brief description of proposed project, program or activity.  
This project will design, develop and implement a KY Watershed Modeling Information Portal (KWIMP) to automate the process of obtaining data necessary for watershed modeling. Training for water resource managers and technical users will be provided to develop a constituency, increase the use of modeling in decision-making, increase the efficiency and reduce costs associated with modeling. The long term viability of the system will be maintained through e-commerce fees from the private sector. The project will leverage investments in major data compilation projects – Kentucky Landscape Snapshot, KY Landscape Census, StreamStats (a USGS project to develop a point and click tool for stream statistics) and a USGS Karst Hydrology project.

III. Are any civil rights lawsuits or complaints pending against applicant and/or recipient? If yes, list those complaints and the disposition of each complaint.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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IV. Have any civil rights compliance reviews of the applicant and/or recipient been conducted by any Federal agency during the two years prior to this application for activities which would receive EPA assistance? If yes, list those compliance reviews and status of each review.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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V. Is any other Federal financial assistance being applied for or is any other Federal financial assistance being applied to any portion of this project program or activity? If yes, list the other Federal Agency(s), described the associated work and the dollar amount of assistance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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VI. If entire community under the applicant's jurisdiction is not served under the existing facilities/services, or will not be served under the proposed plan, give reasons why.

VII. Population Characteristics	Number of People
1. A. Population of Entire Service Area	4,100,000
B. Minority Population of Entire Service Area	405,000
2. A. Population Currently Being Served	0
B. Minority Population Currently Being Served.	0
3. A. Population to be Served by Project, Program or Activity	4,100,000
B. Minority Population to be Served by Project, Program or Activity	405,000
4. A. Population to Remain Without Service	0
B. Minority Population to Remain With Service	0

VIII. Will all new facilities or alterations to existing facilities financed by these funds be designed and constructed to be readily accessible to and usable by handicapped person? If no, explain how a regulatory exception (40 CFR 7.70) applies. This is not a facilities or construction project. Making the Web-portal accessible to blind handicapped persons may not be feasible with readily available technology	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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IX. Give the schedule for future projects, programs or activities (or of future plans), by which services will be provided to all beneficiaries within applicant's jurisdiction. If there is no schedule, explain why.  
This project includes development of a KWIMP Advocacy Group of upper-level water resources managers and an e-commerce component for non-governmental users. KWIMP access will be free for governmental users. The Advocacy group and funds raised through e-commerce are intended to ensure long-term viability of KWIMP.

X. I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

A. Signature of Authorized Official	B. Title of Authorized Official Executive Director, Office of Administrative Services	C. Date
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<b>For the U.S. Environmental Protection Agency</b>		
<input type="checkbox"/> Approved  <input type="checkbox"/> Disapproved	Authorized EPA Official	Date